

# Product Specifications

CL00.0505

ANALYT - BIOLYT

## Ethanol, abs. 100% a.r.



Etanol, abs. 100% p.a.  
 Ethanol, abs. 100% p.a.  
 Ethanol, abs. 100% p.a.  
 Ethanol, abs. 100% z.A.  
 Etanol, abs. 100% p.a.  
 Alcole etilico, anidro 100% p.a.  
**For laboratory use, ACS, Ph. Eur., ISO, ASTM D-94**  
**99.8+vol% C<sub>2</sub>H<sub>5</sub>OH**

Mol weight: 46.07 g/mol  
 Density: 0,78 g/ml  
 HS Nr: 22071000  
 CAS Nr: 64-17-5  
 UN: 1170  
 ADR: 3,II

### Specifications:

Assay	>99.8%	Absorbance @ 240nm	< 0.40
Appearance	: passes test	Absorbance @ 250 to 260nm	<0.30
Density	= 0.789 - 0.791 g/ml	Absorbance @ 270 to 340nm	<0.10
Colour	< 10 APHA	Absorption Curve is smooth	: Passes Test
Water	<0.1%	Residual Solvents (Ph Eur./ICH)	: Passes Test
Free Acid	<0.0002%	Elemental Impurities (Ph Eur./ICH)	: Excluded by manuf.process
Free Alkali	<0.0002%	Acidity	<0.0005meq/g
Aluminium (Al)	<0.00005%	Alkalinity	<0.0002meq/g
Boron (B)	<0.000002%		
Barium (Ba)	<0.00001%		
Calcium (Ca)	<0.00005%		
Cadmium (Cd)	<0.000005%		
Cobalt (Co)	<0.000002%		
Chromium (Cr)	<0.000002%		
Copper (Cu)	<0.000002%		
Iron (Fe)	<0.00001%		
Potassium (K)	<0.0001%		
Magnesium (Mg)	<0.00001%		
Manganese (Mn)	<0.000002%		
Nickel (Ni)	<0.000002%		
Lead (Pb)	<0.00001%		
Tin (Sn)	<0.00001%		
Zinc (Zn)	<0.00001%		
Acetone	<0.001%		
Isoamyl Alcohol	<0.05%		
Methanol	<0.05%		
2-Propanol	<0.003%		
Aldehydes	<0.001%		
Acetaldehyde	<0.001%		
Benzene	<0.0002%		
Disregard Limit	<9ppm		
Total of other Volatile Impurities	<300ppm		
Higher Alcohols	<0.01%		
Carbonyl Compounds	< 0.003%		
Non Volatiles	<0.001%		
Reducing Substances	<0.0003% (permanganate)		
Readily Carbonizable Substances	: passes test		
Substances darkened by Sulfuric Acid	: passes test		
Soluble in water	: passes test		
Residue after Evaporation	<0.001%		

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